## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 2/29/are.

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paperoved by the Draftsperson under 37 CFR 1.84 c

A. \_\_\_\_\_ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. \_\_\_\_\_ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice.

1.	DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawing	s:	8.	ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
	Black ink. Color.	, <del>-</del> .	•	Words do not appear on a horizontal, left-to-right fashion
	Color drawings are not acceptable until petiton is granted.			when page is either upright or turned so that the top
	Fig(s)			becomes the right side, except for graphs. Fig(s)
	Pencil and non black ink not permitted. Fig(s)		9.	SCALE. 37 CFR 1.84(k)
2.	PHOTOGRAPHS. 37 CFR 1.84(b)			Scale not large enough to show mechanism without
	1 full-tone set is required. Fig(s)			crowding when drawing is reduced in size to two-thirds in
	Photographs may not be mounted. 37 CFR 1.84(e)			reproduction.
	Poor quality (half-tone). Fig(s)	•		Fig(s)
3.	TYPE OF PAPER. 37 CFR 1.84(e)		10.	CHARACTER OF LINES, NUMBERS, & LETTERS.
	Paper not flexible, strong, white, and durable.			37 GFR 1.84(i)
	Fig(s)			Lines, numbers & letters not uniformly thick and well
	Erasures, alterations, overwritings, interlineations,	•		defined, clean, durable, and black (poor line quality).
	folds, copy machine marks not accepted. Fig(s)	- 7		Fig(s)
	Mylar, velum paper is not acceptable (too thin).  Fig(s)		11.	SHADING. 37 CFR 1.84(m) '
4	SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:			Solid black areas pale. Fig(s)  Solid black shading not permitted. Fig(s)
٦.	21.0 cm by 29.7 cm (DIN size A4)			Shade lines, pale, rough and blurred. Fig(s)
	21.6 cm by 27.9 cm (8 1/2 x 11 inches)		12	NUMBERS, LETTERS, & REFERENCE CHARACTERS.
	All drawing sheets not the same size.		14.	37 CFR 1.84(p)
	Sheet(s)			Numbers and reference characters not plain and legible.
	Drawings sheets not an acceptable size. Fig(s)	,		- Fig(s) $4-7$
5.	MARGINS. 37 CFR 1.84(g): Acceptable margins:			Figure legends are poor/ Fig(s)
		The state of the s		Numbers and reference characters not oriented in the
	Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm			same direction as the view. 37 CFR 1.84(p)(1)
ĺ	SIZE: A4 Size			Fig(s)
	Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm		٠.	English alphabet not used. 37 CFR 1.84(p)(2)
	SIZE: 8 1/2 x 11			Figs
	Margins not acceptable. Fig(s)			Numbers, letters and reference characters must be at least
	Top (T) Left (L)	•		.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
_	Right (R) Bottom (B)			Fig(s)
0.	VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to		13.	LEAD LINES. 37 CFR 1.84(q)
	correspond to drawing changes.			Lead lines cross each other. Fig(s) Lead lines missing. Fig(s)
	Partial views. 37 CFR 1.84(h)(2)		1.4	NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
l	Brackets needed to show figure as one entity.		17.	Sheets not numbered consecutively, and in Arabic numerals
	Fig(s)	•		beginning with number 1. Sheet(s)
	Views not labeled separately or properly.		15.	NUMBERING OF VIEWS. 37 CFR 1.84(u)
	Fig(s)			Views not numbered consecutively, and in Arabic numerals,
l	Enlarged view not labeled separetely or properly.			beginning with number 1. Fig(s)
١ .	Fig(s)		16.	CORRECTIONS. 37 CFR 1.84(w)
l				Corrections not made from prior PTO-948
7.	SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)			dated
Į	Hatching not indicated for sectional portions of an object.		17.	DESIGN DRAWINGS. 37 CFR 1.152
1	Fig(s)			Surface shading shown not appropriate. Fig(s)  Solid black shading not used for color contrast.
1	Sectional designation should be noted with Arabic or			Fig(s)
l	Roman numbers. Fig(s)			1-1g(s)
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7	COMMENTS			
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REVIEWER CBR -	DATE $6/2/03$ TELEPHONE NO	. 703 3081359
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ATTACHMENT TO PAPER NO. 4